



# **LED AR111**

# 16AR111/LED/927/F40/DIM/EC 12V 6/1FB

With an elegant new design, Philips MasterClass LED AR111 creates a brilliant visual effect. With excellent rendering of 90+ CRI and R9>50, colors stay vibrant and natural, enhancing the appeal of everything on display.

#### **Product data**

General information	
Base	G53 [ G53]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	40000 h
Switching Cycle	50000
Light technical	
Color Code	927 [ CCT of 2700K]
Beam Angle (Nom)	40 °
Initial lumen (Nom)	900 lm
Luminous Intensity (Nom)	1400 cd
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	56.00 lm/W
Color Consistency	<4
Color Rendering Index (Nom)	97
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and electrical	
Input Frequency	- Hz
Power (Rated) (Nom)	16 W
Lamp Current (Nom)	1800 mA
Wattage Equivalent	75 W
Starting Time (Nom)	0.5 s

Warm Up Time to 60% Light (Nom)	0.5 s	
Power Factor (Nom)	0.7	
Voltage (Nom)	ac electronic 12 V	
Temperature		
T-Case Maximum (Nom)	165.2 °F	
Controls and dimming		
Dimmable	Yes	
Mechanical and housing		
Bulb Finish	Clear	
Bulb Material	Plastic	
Bulb Shape	AR111	
Approval and application		
Suitable For Accent Lighting	Yes	
Energy Consumption kWh/1000 h	- kWh	
Energy Certifications	No	
Product data		
Order product name	16AR111/LED/927/F40/DIM/EC 12V 6/1FB	
EAN/UPC - Product	046677552435	
Order code	552430	

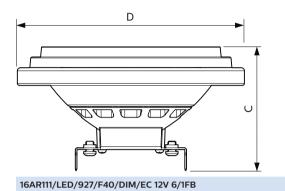
Datasheet, 2022, December 8 data subject to change

# LED AR111

Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	929002239304

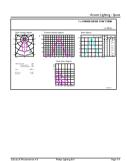
Net Weight (Piece)
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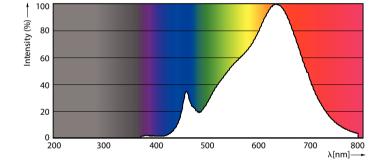
# Dimensional drawing



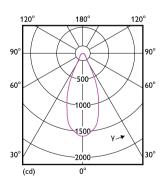
Product	D	С
16AR111/LED/927/F40/DIM/EC 12V 6/1FB	4-3/8 in	2-1/2 in

### Photometric data





### LEDspots 75W G53 AR111 927 40D

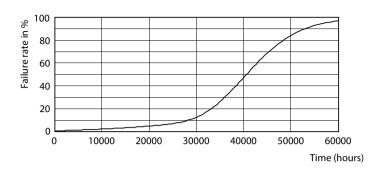


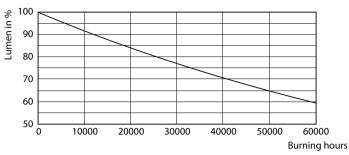
LEDspots 75W G53 AR111 927

LEDspots 75W G53 AR111 927 40D

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### Lifetime





Life Expectancy Diagram

Lumen Maintenance Diagram



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